

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/019385

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H01R4/24 H01R43/01 H01R11/12

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 312 556 A (DUFAU OSCAR) 26 January 1982 (1982-01-26) column 4, line 33 – line 49 column 5, line 23 – line 35 column 5, line 52 – line 54 figures 1,2 -----	1, 3-7
A	DE 21 31 769 A (SIEMENS AG) 28 December 1972 (1972-12-28) page 4, line 14 – line 25; figures 5,6 -----	1-7
A	EP 1 073 145 A (MIRAI KOGYO KABUSHIKI KAISHA) 31 January 2001 (2001-01-31) paragraph '0040! – paragraph '0045!; figure 8 -----	1-7

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

14 October 2004

Date of mailing of the international search report

25/10/2004

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/019385

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4312556	A	26-01-1982	NONE			
DE 2131769	A	28-12-1972	DE	2131769 A1		28-12-1972
EP 1073145	A	31-01-2001	EP WO TW	1073145 A1 9953570 A1 406449 B		31-01-2001 21-10-1999 21-09-2000